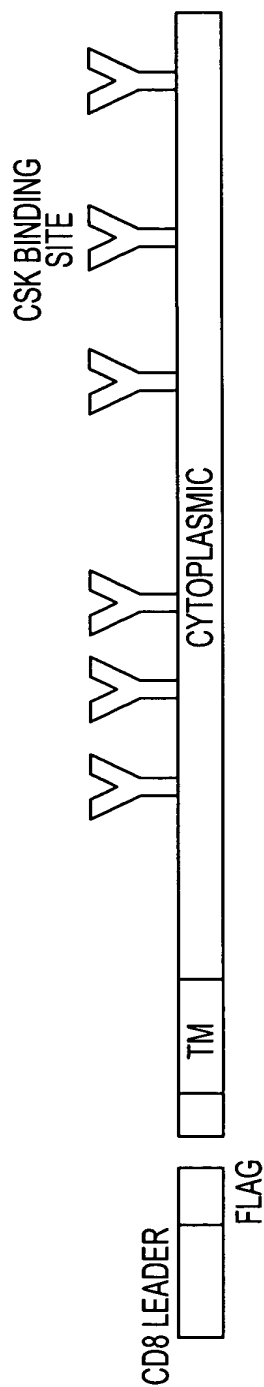




PAG



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CONSTRUCT
NAME:

C-TERM
POSITION

-3-2-10	WT
	C-ARA
— (ITRL) —	ΔPL
— (IARA) —	
— (I) —	

Y = SITE FOR TYROSINE PHOSPHORYLATION

FIG.1

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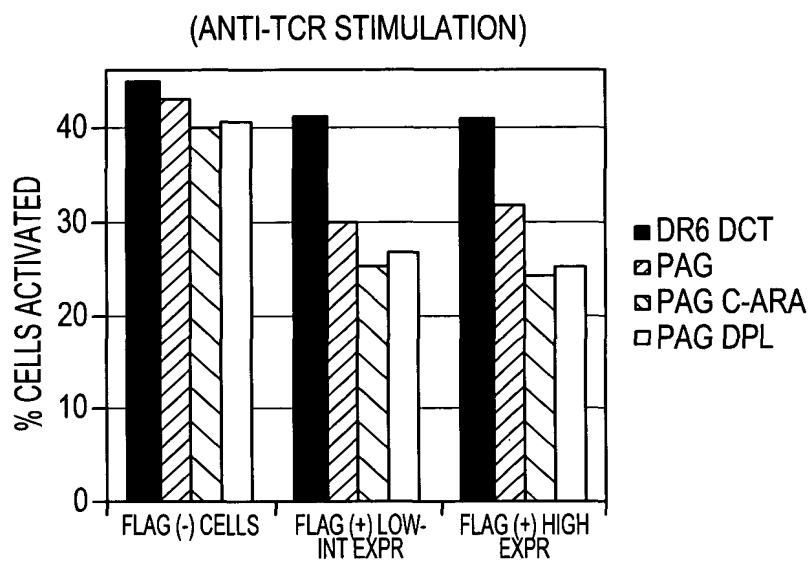


FIG.2A

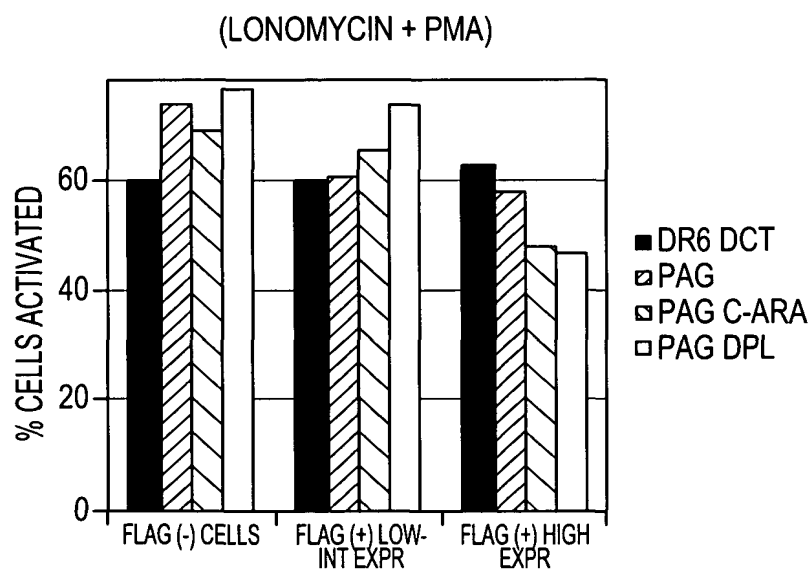


FIG.2B

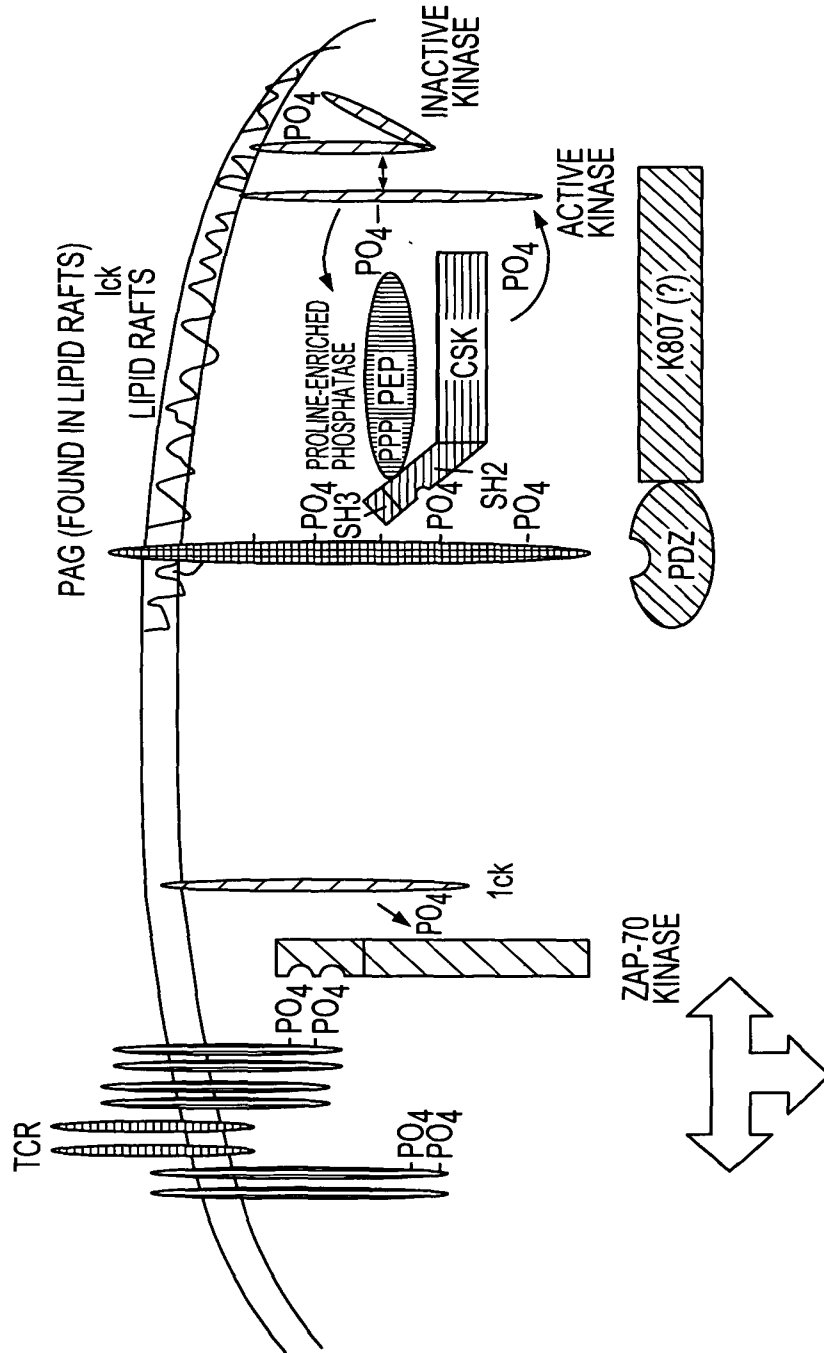


FIG.3



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DNAM-1 peptide binding to PDZ domains

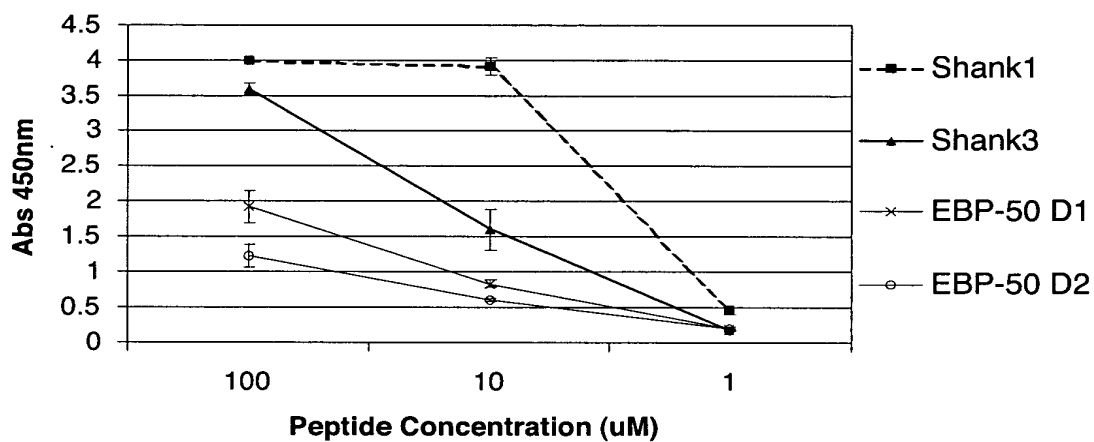


FIG.5A

Shroom peptide binding to PDZ domains

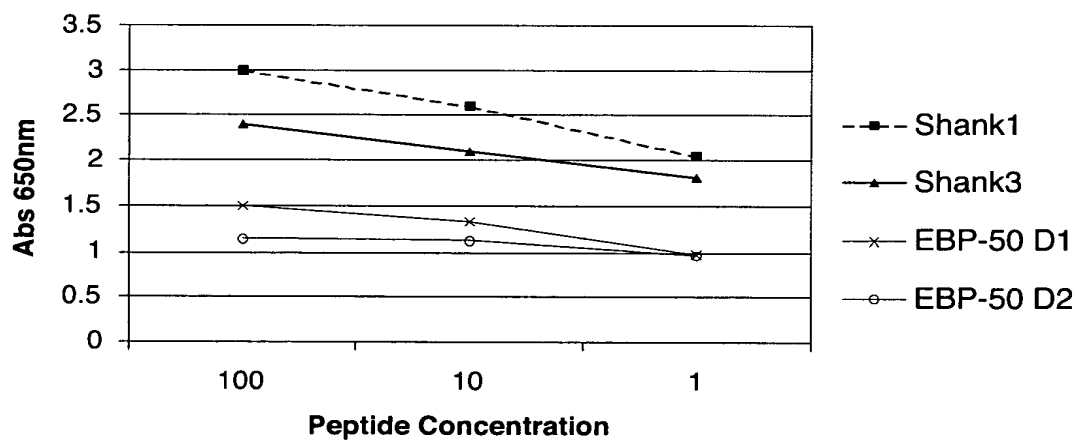


FIG.5B

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PTEN peptide binding to PDZ domains

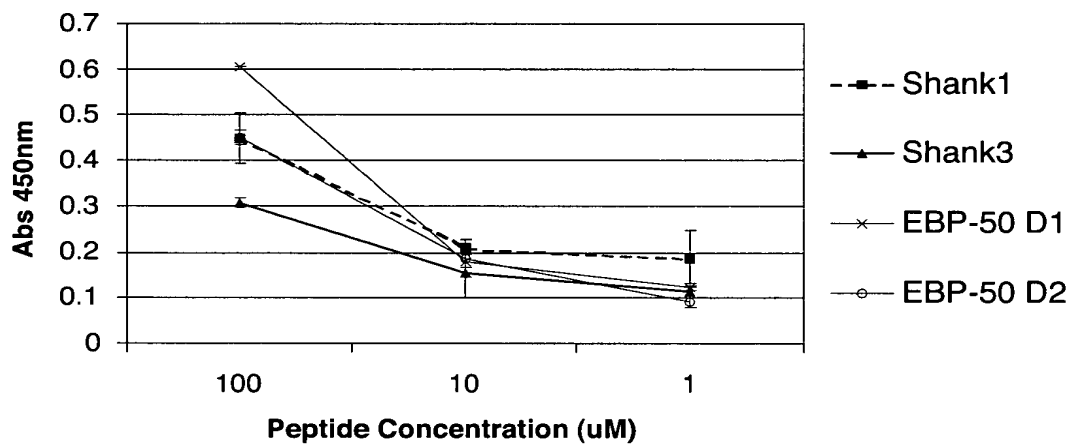


FIG.5C

BLR-1 peptide binding to PDZ domains

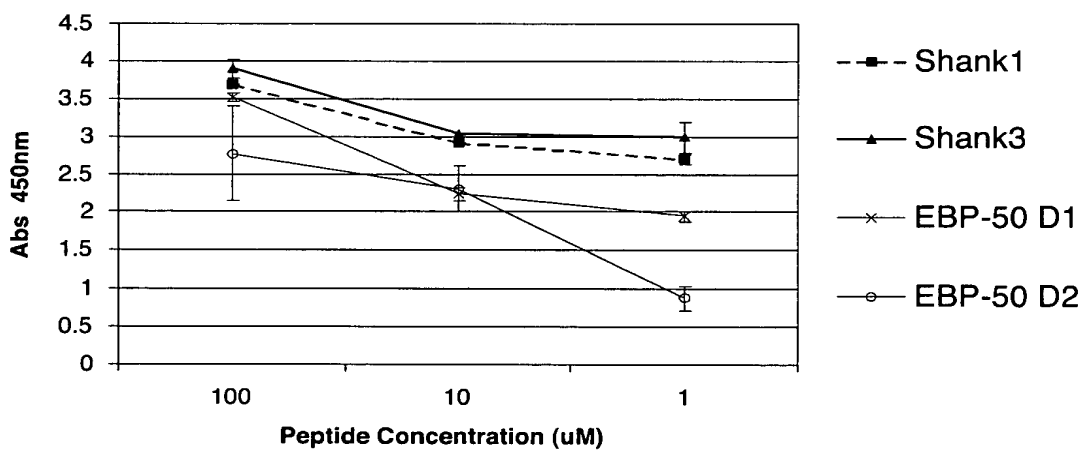


FIG.5D



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Na⁺/Pi cotransporter 2 peptide binding to PDZ domains

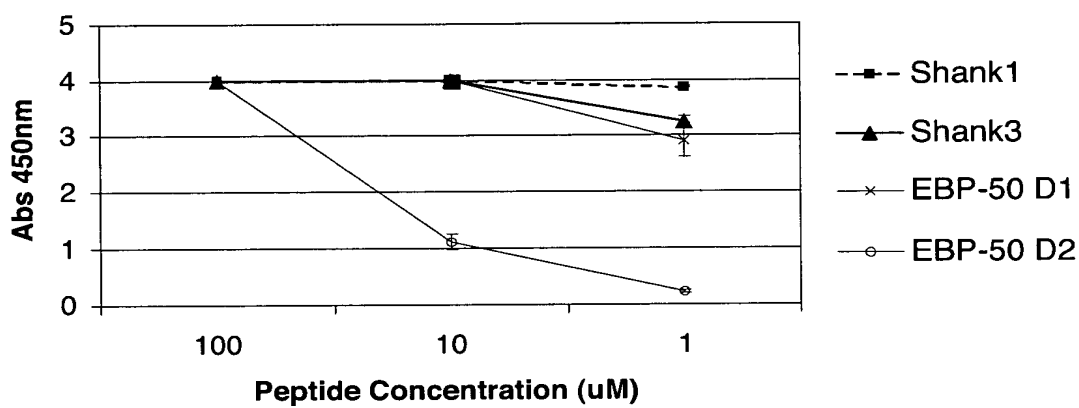


FIG.5E

PAG peptide binding to PDZ domains

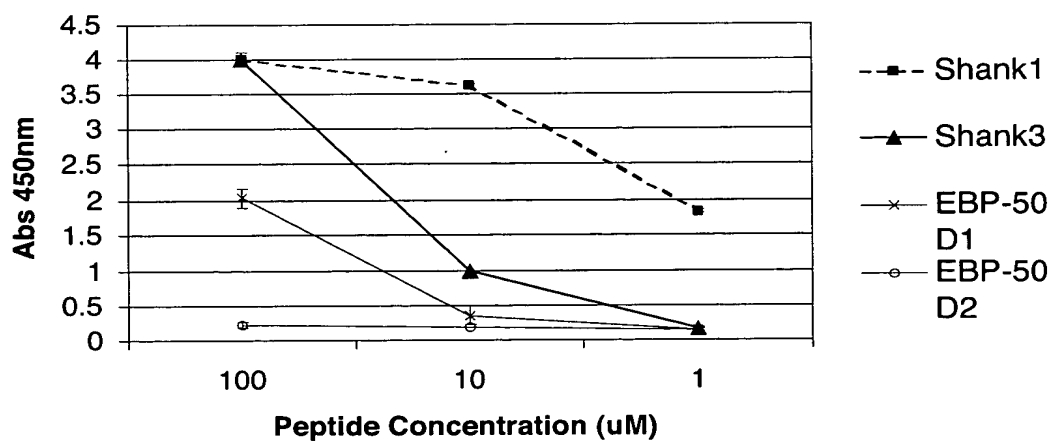


FIG.5F



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CD34 peptide binding to PDZ domains

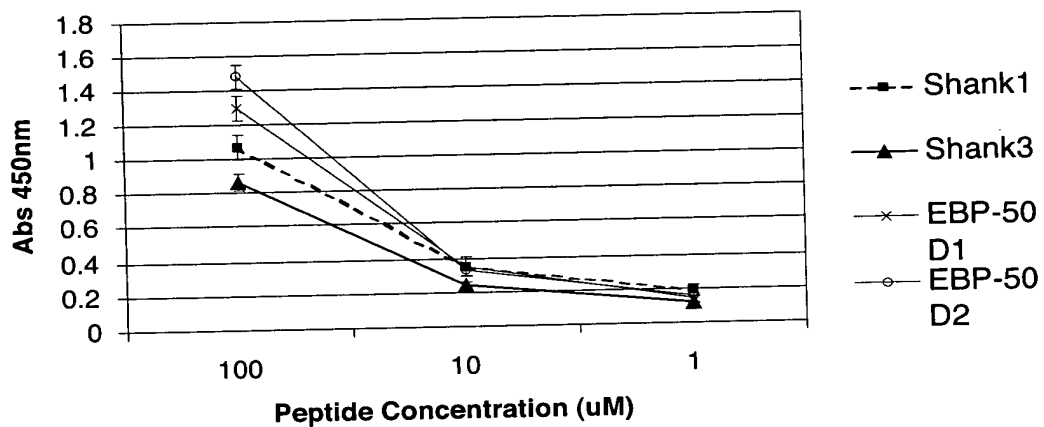


FIG.5G

LPAP peptide binding to PDZ domains

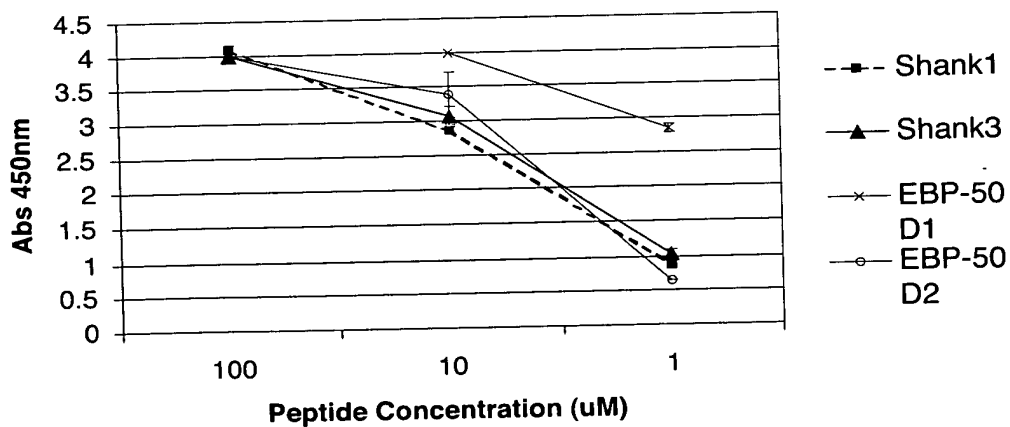


FIG.5H



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Dock2 peptide binding to PDZ domains

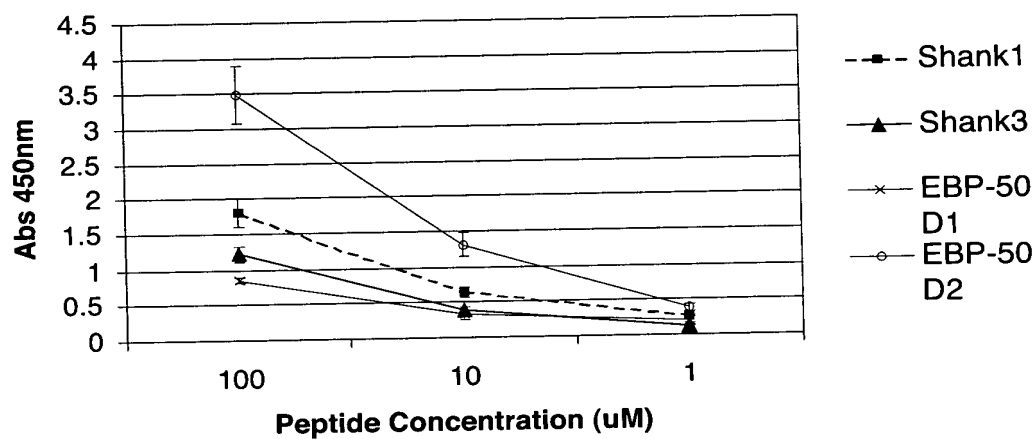


FIG.5I

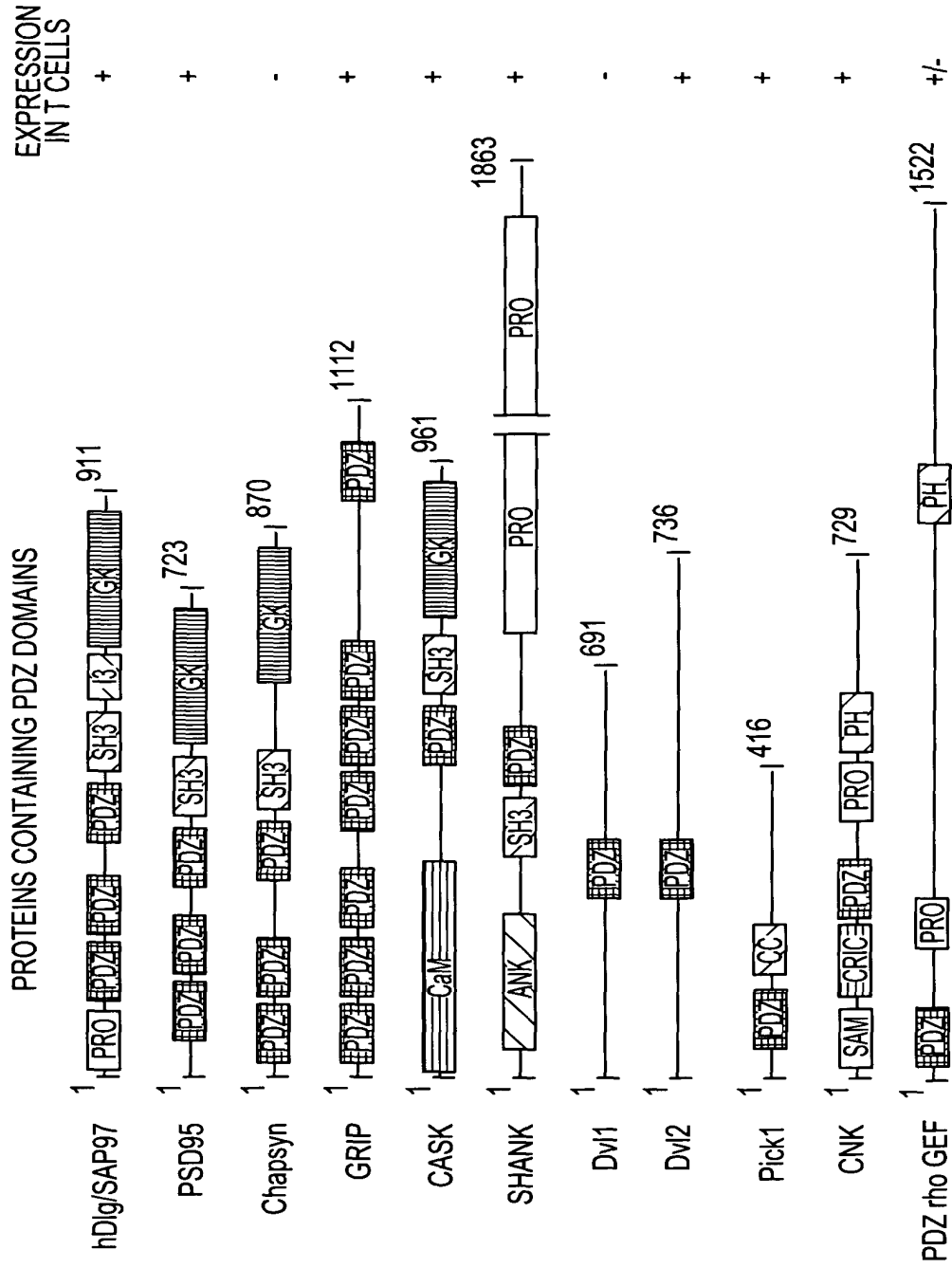


FIG. 6A



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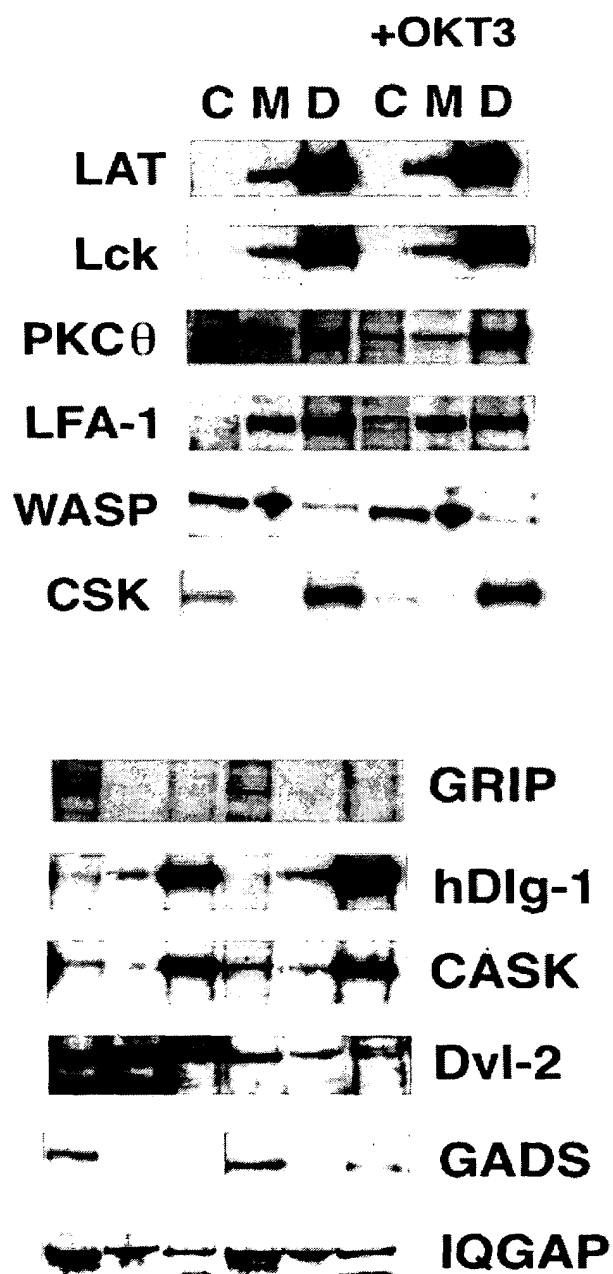


FIG.6B

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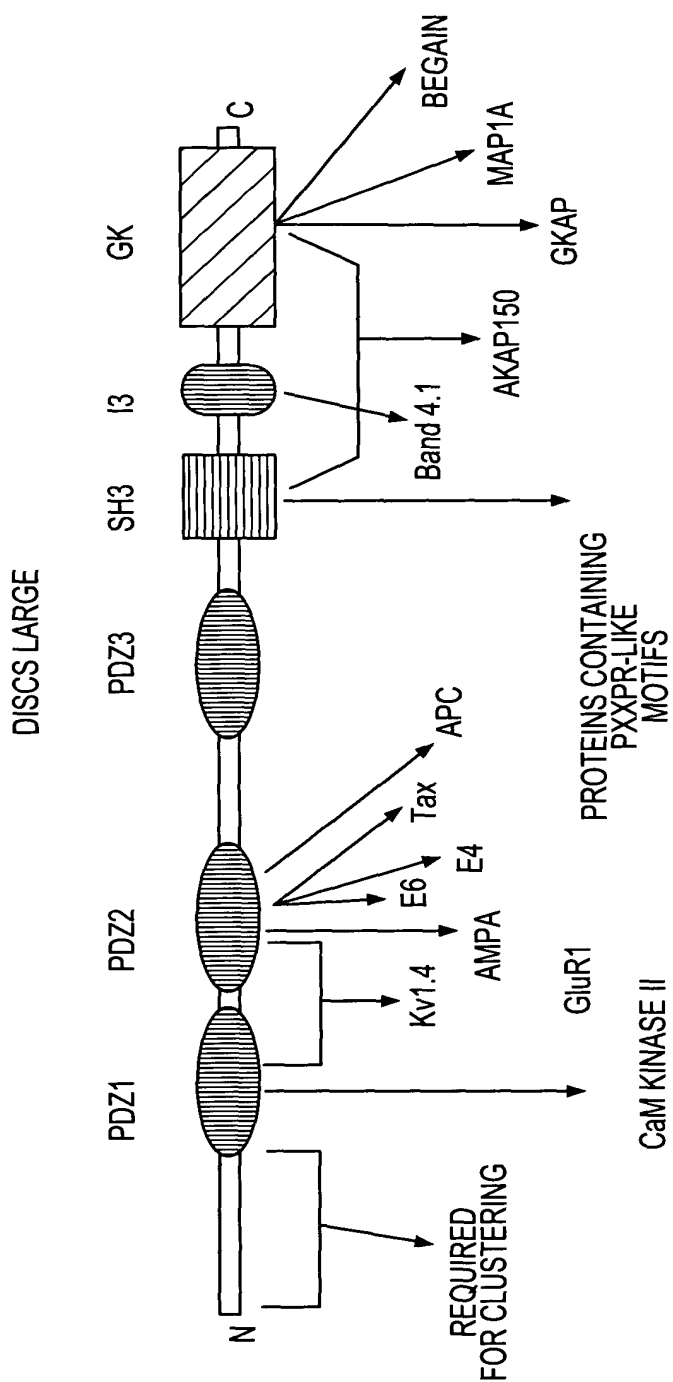


FIG.7A



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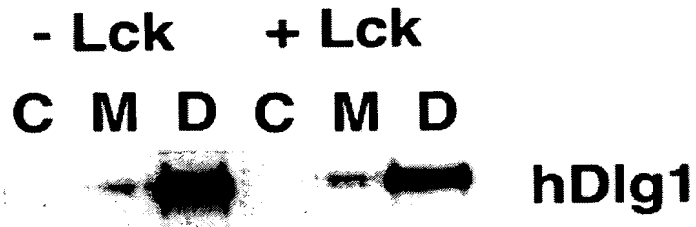
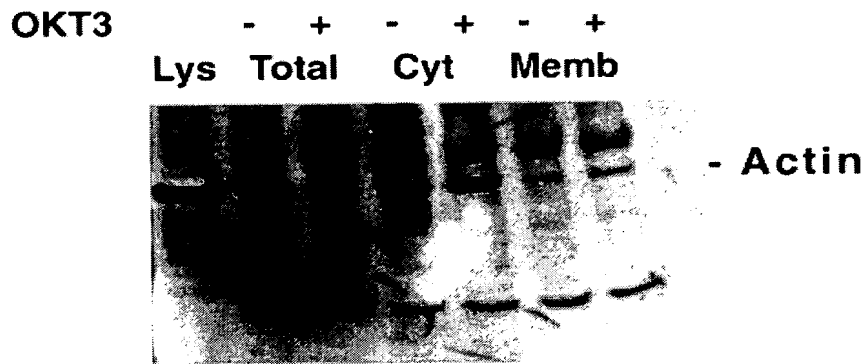


FIG.7B



hDlg-1 ip / Actin blot

FIG.7C

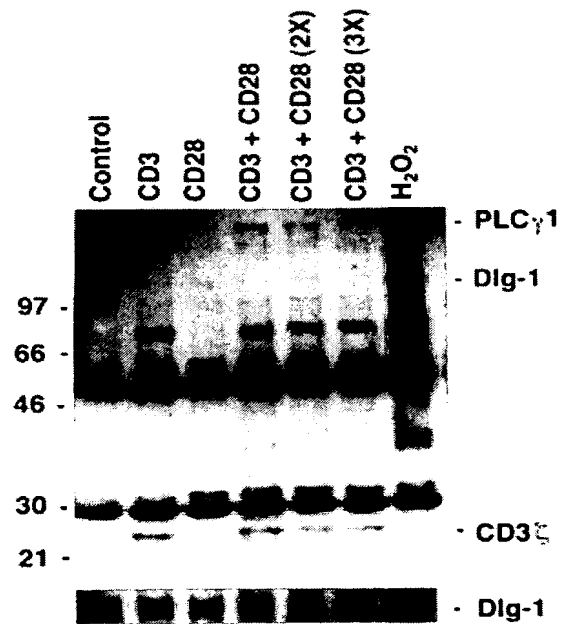


FIG.7D

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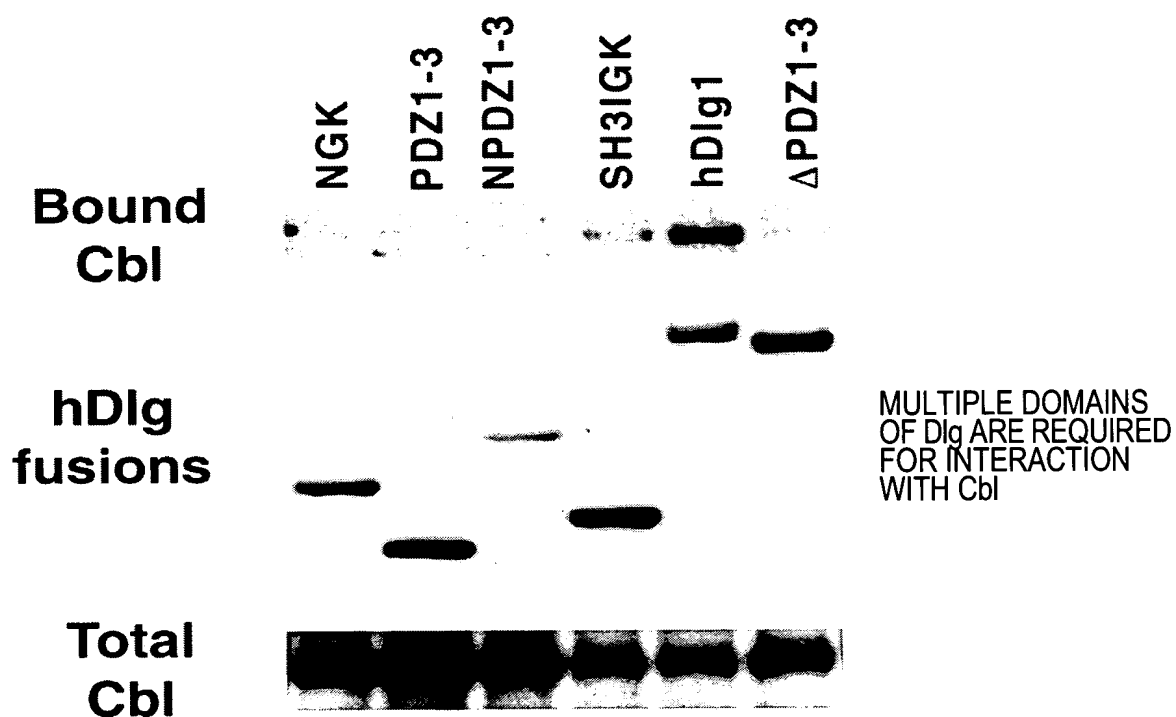
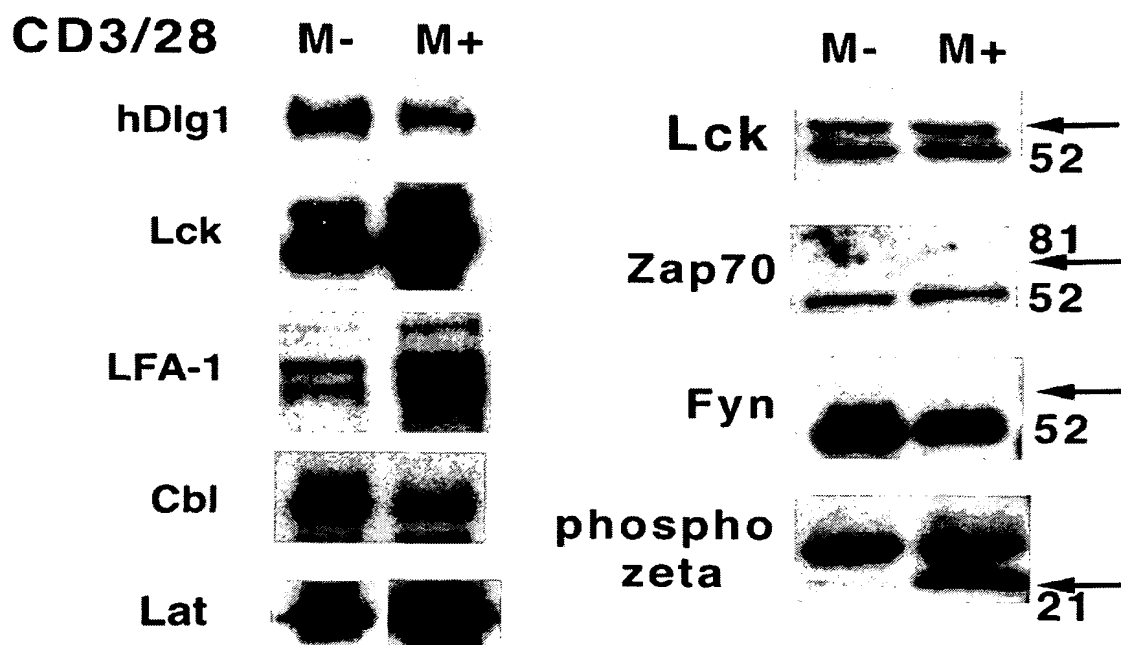


FIG.8

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Many Important Signaling and Adhesion Molecules Bind Dlg in T cells



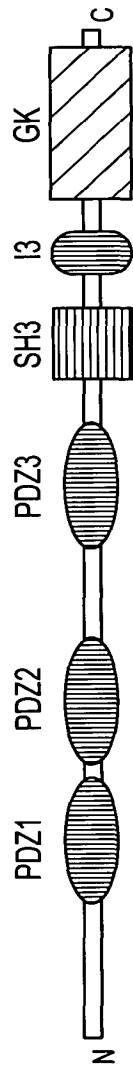
Ip: Dlg; Blot: Abs Indicated

FIG.9



DISCS LARGE INTERACTION PARTNERS

DISCS LARGE



Lck

+

Fyn

-

Zap70

-

CD3 ζ

+

LAT

+

SLP76

-

Cb1

+

Vav

-

cdc42

-

Dlg

14-3-3

-

GADS

-

Ip12

-

CaMKII

+

LFA-1

+

β 3 int

-

VLA2- α

-

Cask

+

Dlg

FIG.10



GROSS MAPPING OF INTERACTIONS

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	Lck	CD3 ζ	LAT	Cbl
 Dlg	+	+	+	+
 GFP	-	-	-	-
 NGK	+	+	-	-
 GK	-	-	-	-
 Dlg(1-218)	+	-	+/-	-
 NPDZ1-3	+	-	-	-
 PDZ1-3	-	-	-	-
 SH313GK	-	-	-	+

FIG.11



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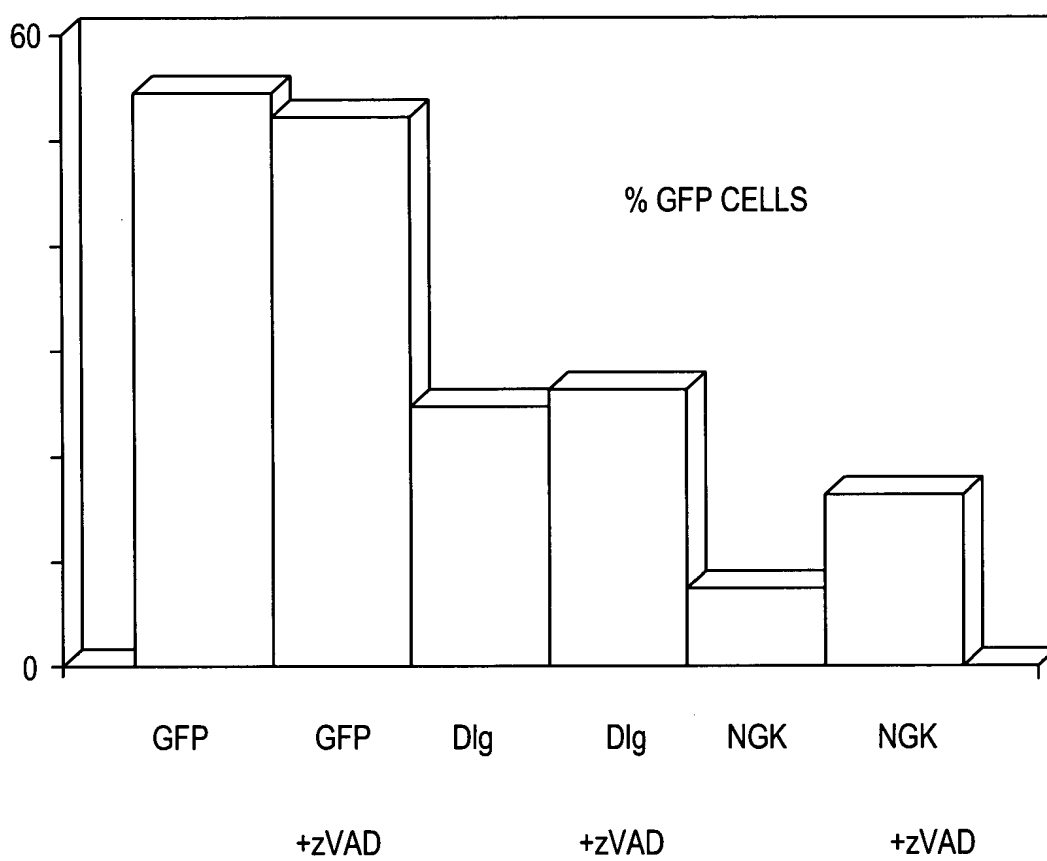


FIG.12A



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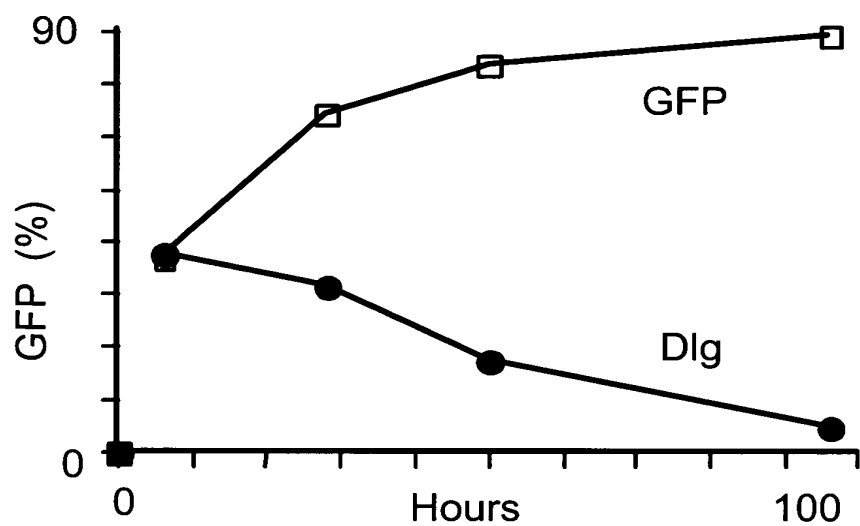


FIG.12B

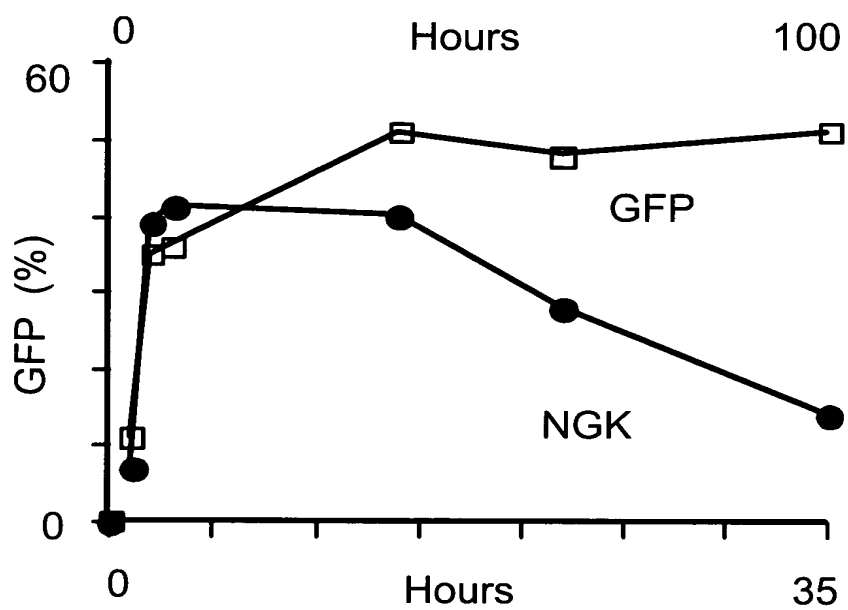


FIG.12C

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ANATOMY OF THE DEATH RESPONSE

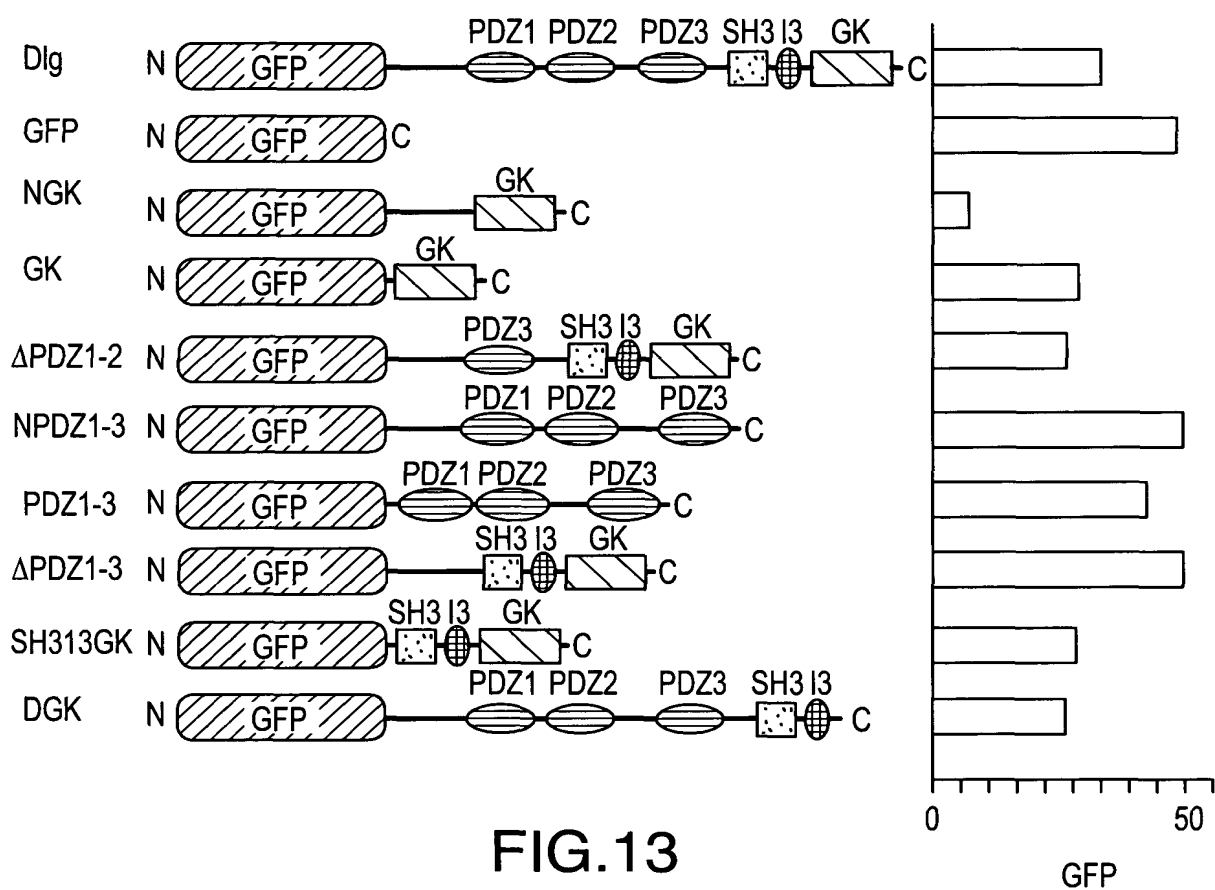
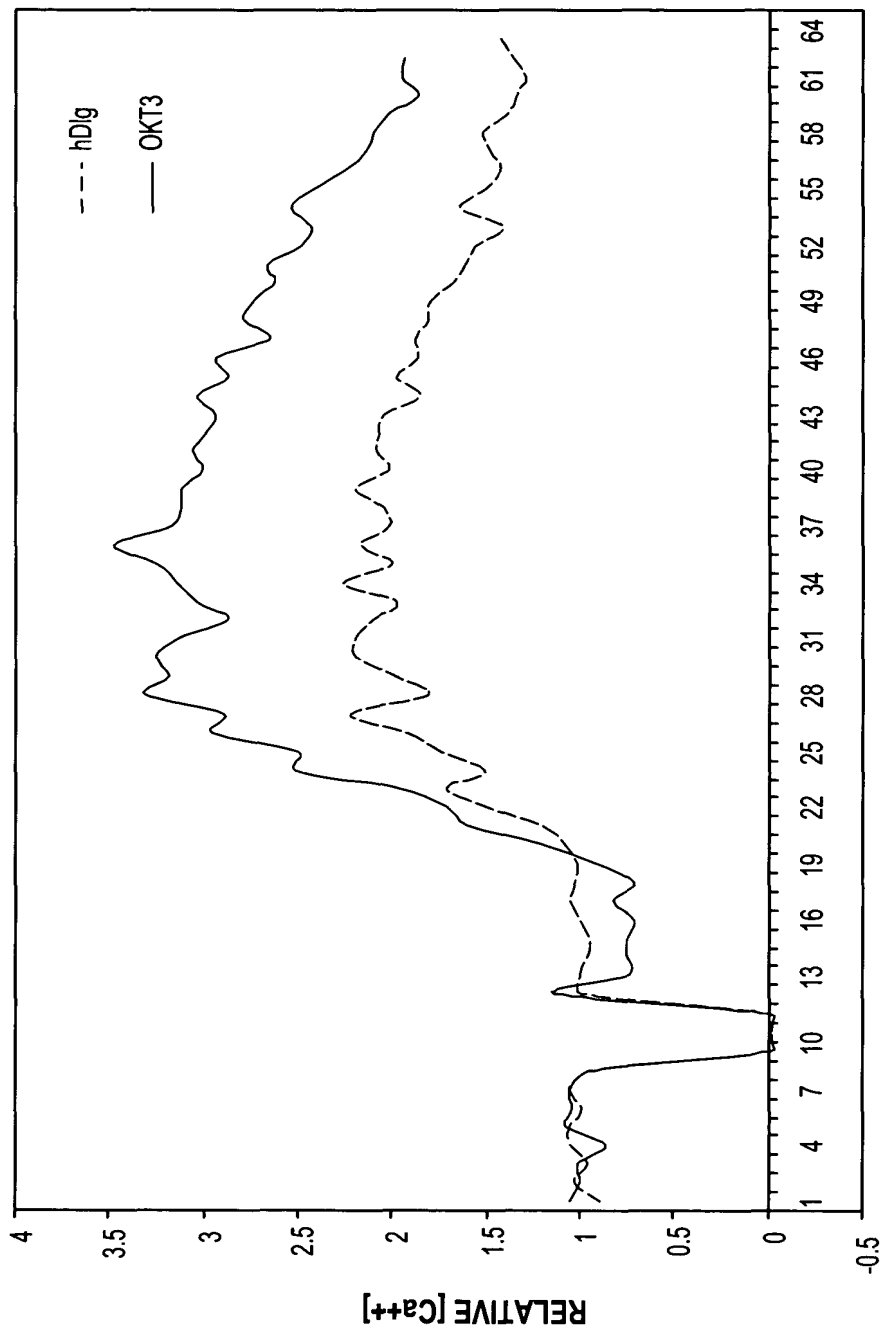


FIG.13



hDlg ATTENUATES Ca^{++} MOBILIZATION



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TIME IN SECONDS / 8

FIG.14

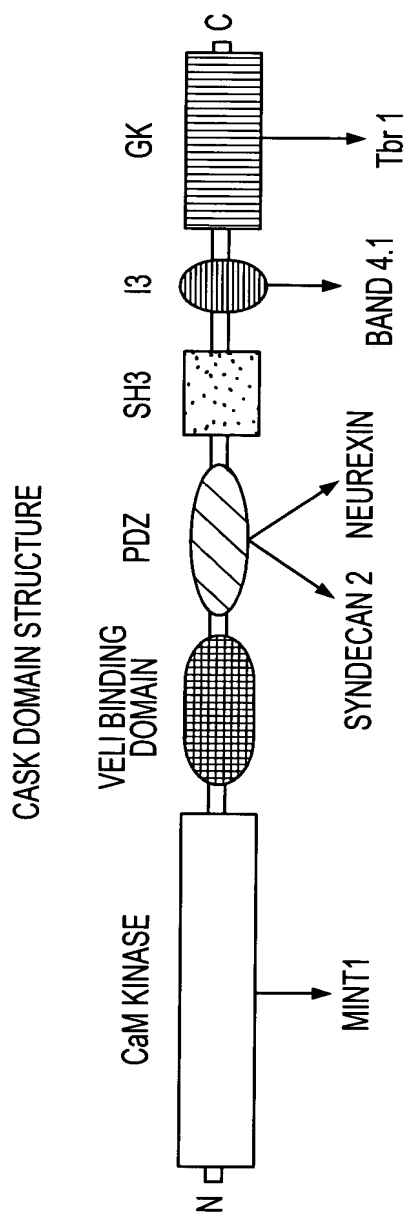


FIG.15A

IN VIVO ASSOCIATION STUDIES
BETWEEN Cdc42/Rac and CASK DELETIONS

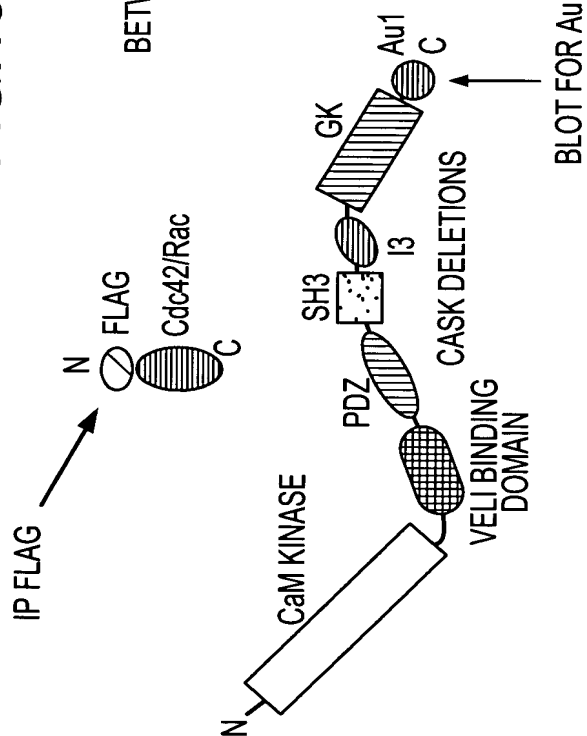


FIG.15B

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CASK interactions in Jurkat cells

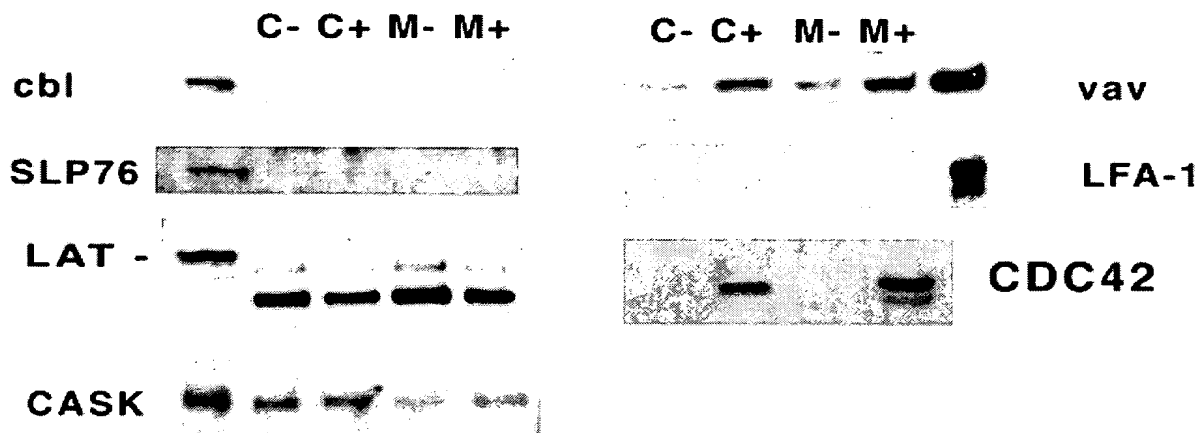


FIG.16A

CASK interactions in 293T cells

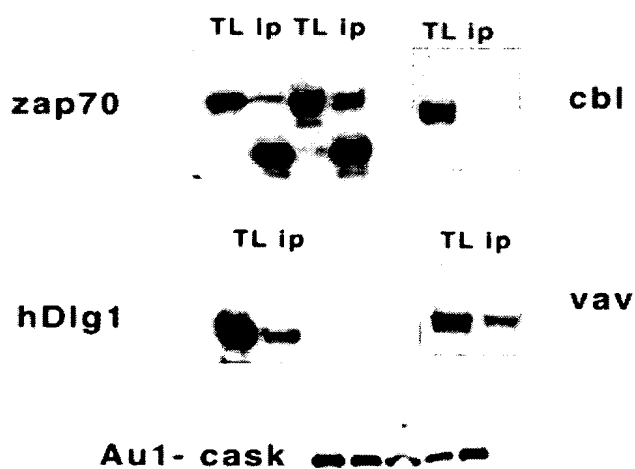


FIG.16B

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Activation-Dependent Association of Signaling Molecules with CASK

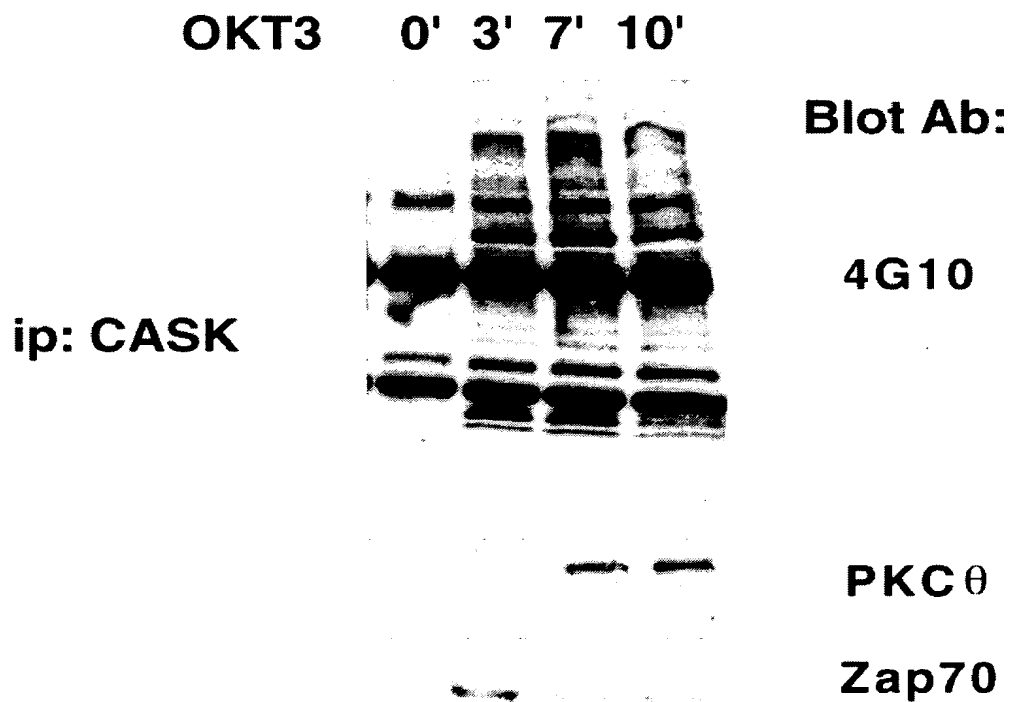


FIG.17

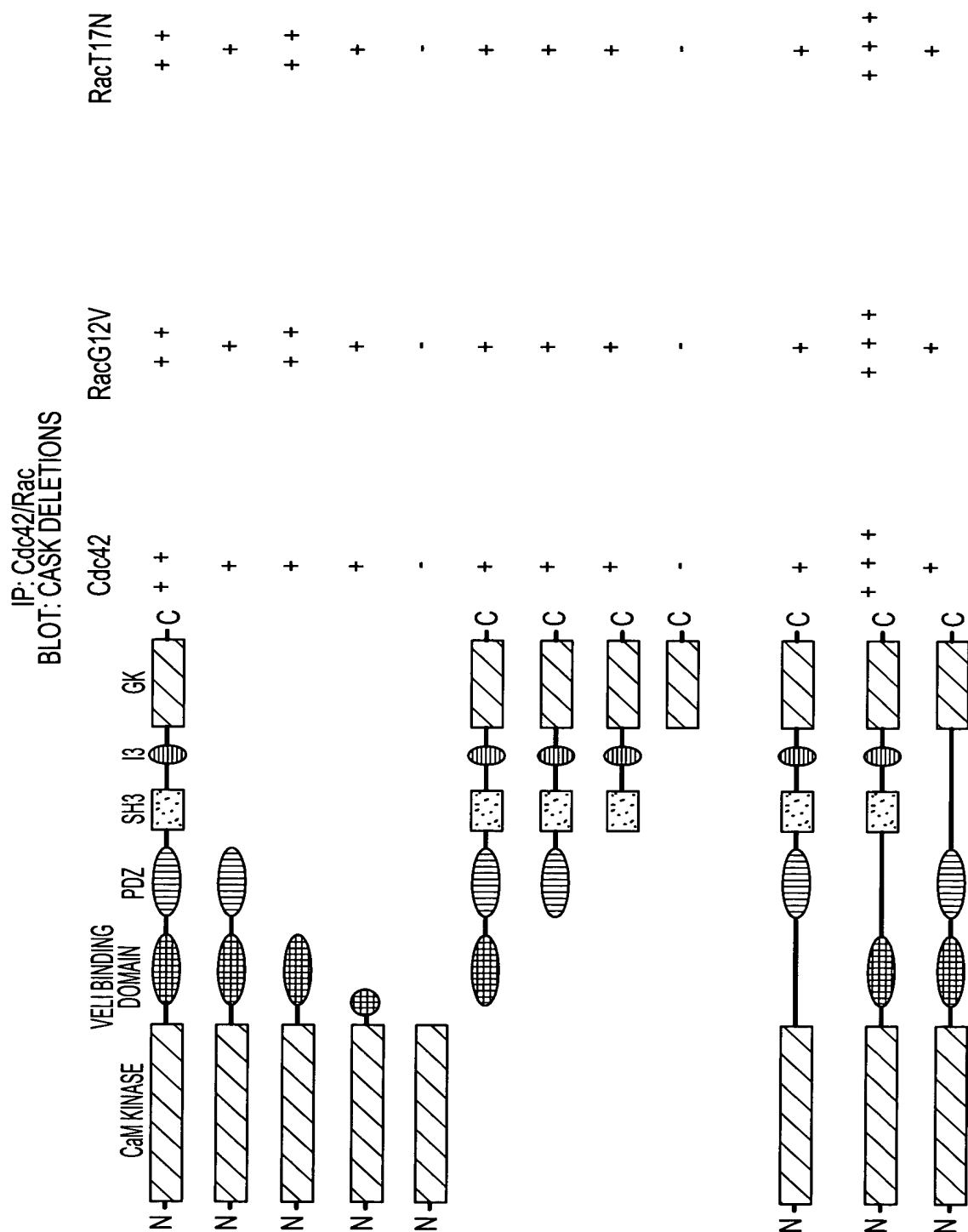


FIG. 18

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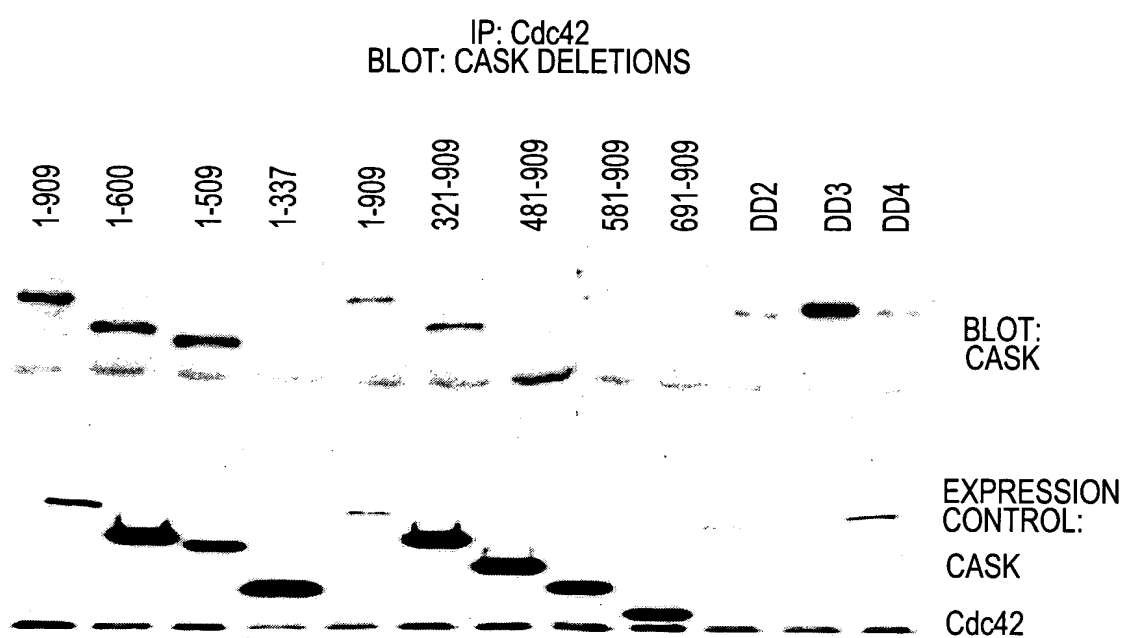


FIG.19

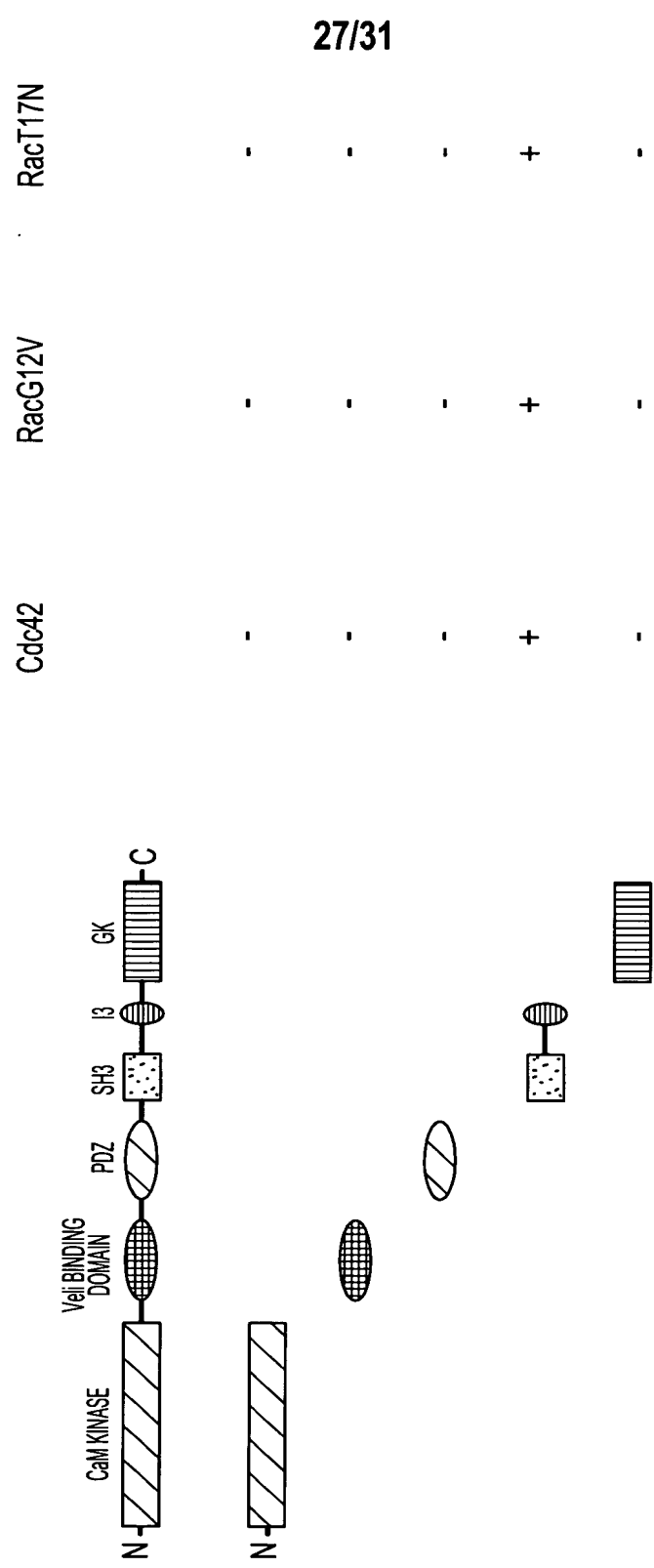
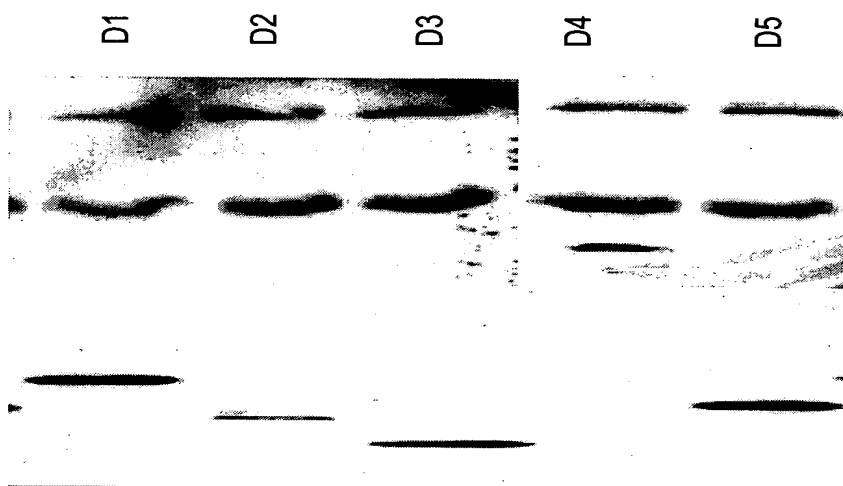


FIG.20A



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IP: RacG12V
BLOT: CASK DOMAINS

FIG.20B



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OPPOSITE ACTIONS OF CASK AND Dlg ON NFAT

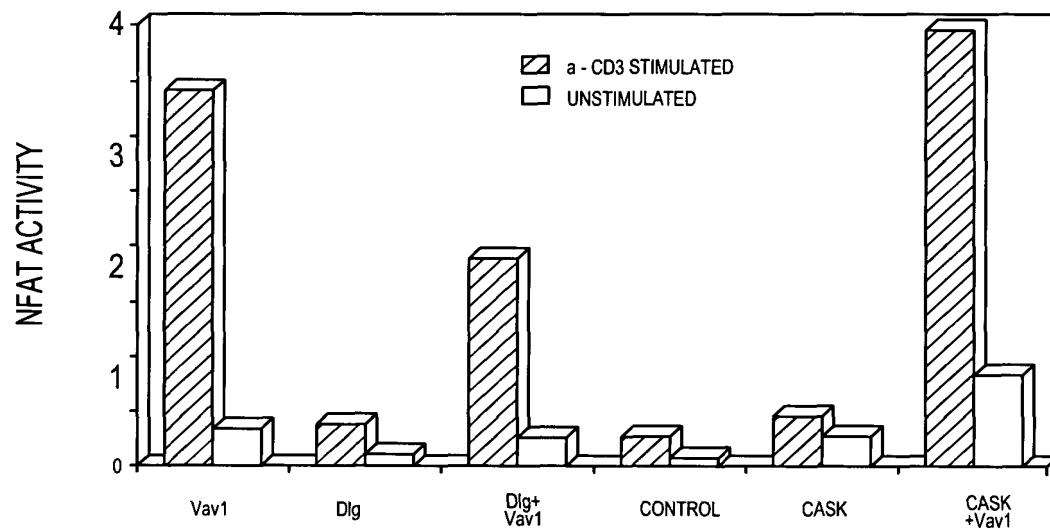


FIG.21A

NF- κ B INDUCTION IN JURKAT CELLS

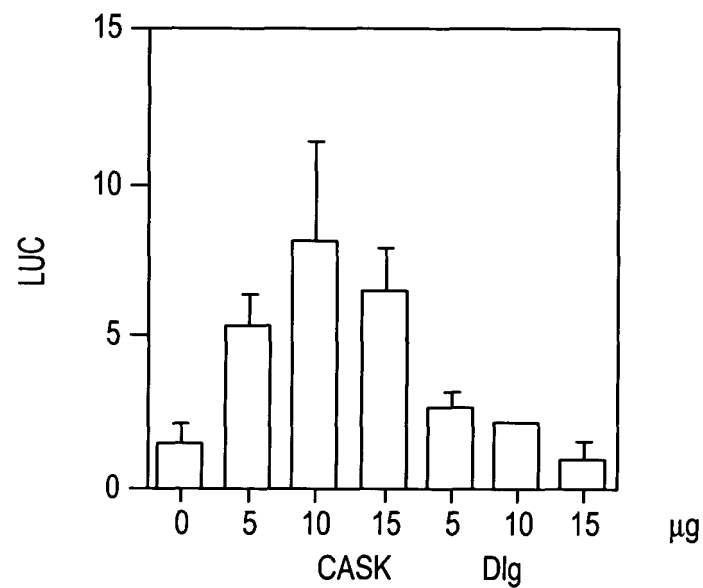


FIG.21B



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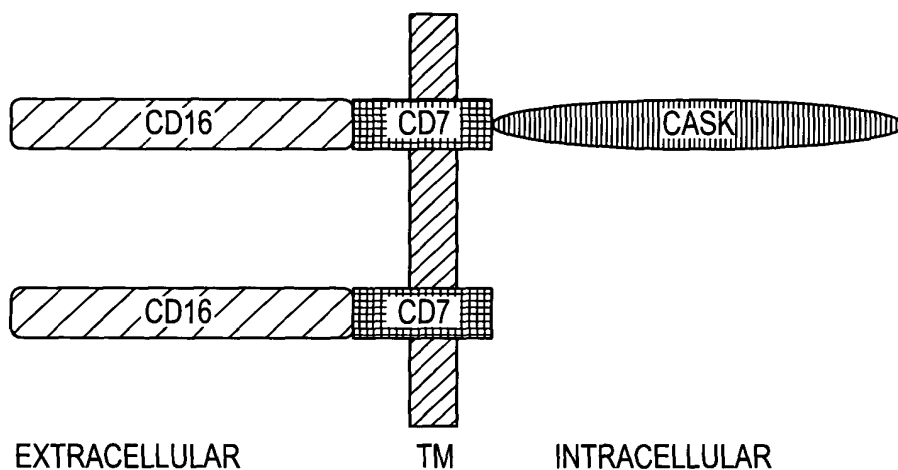


FIG.22A

16:7:CASK Ca^{++} Mobilization

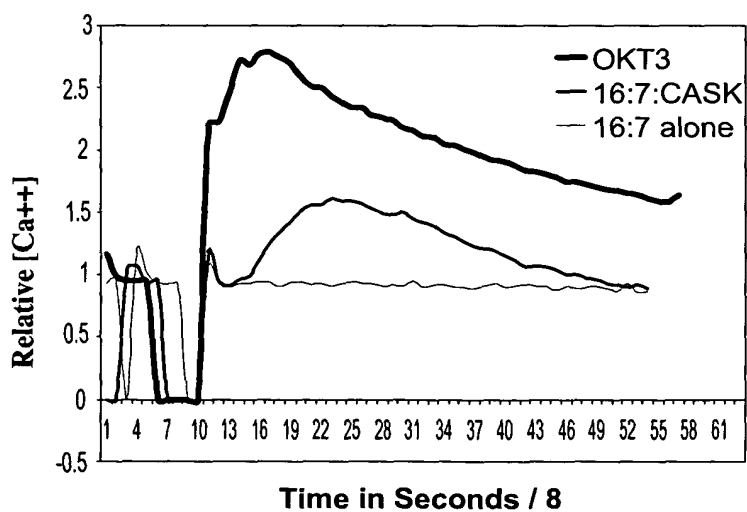
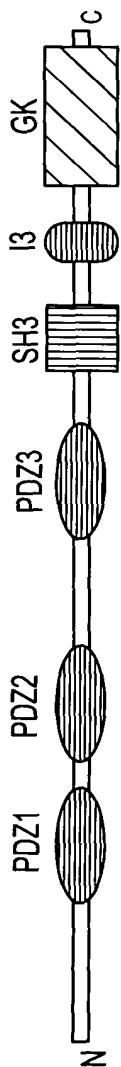


FIG.22B

Dlg AND CASK BINDING PATTERNS

DISCS LARGE



	<u>Lck</u>	<u>Zap70</u>	<u>LAT</u>	<u>SLP76</u>	<u>Vav</u>	<u>cdc42</u>	<u>LFA-1</u>
Dlg	+	-	+	-	+	-	+
CASK	-	+	-	-	+	+	-

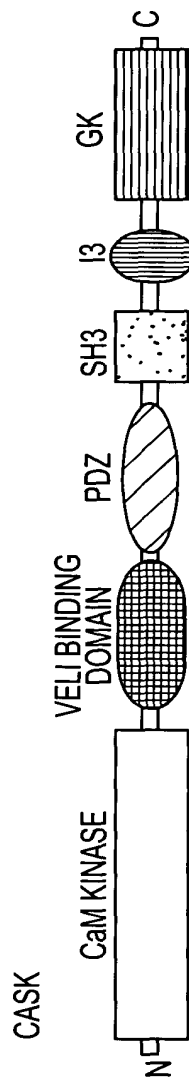


FIG.23